

after the title, insert --

BACKGROUND OF THE INVENTION

Field of the Invention--;

after line 7, insert --

5 Description of the Related Art--;

in line 9, before "method" insert --a--;

in line 12, before "employed" insert --which is--; and

in line 14, before "time" insert --the--.

On page 2, in line 2, delete "s"; and

10 in line 19, delete "To be cited as".

On substitute page 3, in line 1, delete "plurality" and insert --number--;

in line 2, after "frequency" insert --which is--;

in line 5, change "plurality" to --number--;

in line 7, before "EP-A-0 182 762" insert --European Patent Document--;

15 in line 14, change "US-A-5,471,503" to --U.S. Patent No. 5,471,503--;

after line 16, insert --

SUMMARY OF THE INVENTION--;

in line 17, change "The" to --An--;

20 in line 23, delete "according to the independent claims" and insert -- the
method including the following steps: offering a table with a plurality of n
possible carrier frequency value f_x in addresses 1 through N of the table;
generating a sequence of random values; reading out at least a part M of the N
carrier frequency values f_x from the corresponding addresses of the table on the
basis of the generated sequence of random values, whereby $M \leq N$; and
25 transmitting information in the corresponding carrier frequencies, whereby the

following steps are implemented for the setup of a connection: sampling a carrier frequency; deciding whether a message containing at least an initialization information was received on this carrier frequency during a specific time span; when the decision is negative, selecting a new carrier frequency and sampling this new carrier frequency; when the decision is positive, generating the sequence of random values upon employment of the initialization information. The apparatus includes a means for offering a table with a plurality of n possible carrier frequency value f_x in addresses 1 through N of the table; a means for generating a sequence of random values; a means for reading out at least a part M of the N carrier frequency values f_x from the corresponding addresses of the table on the basis of the generated sequence of random values, whereby $M \leq N$; and a means for transmitting information in the corresponding carrier frequencies, whereby a means for the setup of a connection is provided that comprises: means for sampling a carrier frequency; means for deciding whether a message containing at least an initialization information was received on this carrier frequency during a specific time span; configured such that, when the decision is negative, a new carrier frequency is selected and this new carrier frequency is sampled, and, when the decision is positive, the sequence of random values is generated upon employment of at least the initialization information.--; and

in line 24, delete "recited in the respective subclaims" and insert -- provided in that the generated sequence of random values is converted into address values between 1 and N with which the carrier frequency values are read from the table. The following steps are implemented for the synchronization: sampling a carrier frequency; deciding whether a message was received on this carrier frequency during a specific time span; when the decision is negative, selecting a new carrier frequency and sampling this new carrier frequency; when the decision is positive, generating the sequence of random values upon

employment of the message. In a preferred embodiment, a part M of the N possible carrier frequency values is read out from the table, whereby the remaining N-M carrier frequency values are employed for replacing disturbed carrier frequency values of the M carrier frequency values. Specifically, the table is updated from the N-M carrier frequency values before the read-out upon replacement of the carrier frequency values that correspond to disturbed carrier frequencies.

In the preferred apparatus, a means for converting the generated sequence of random values into address values between 1 and N with which the carrier frequency values are read from the table. A means for synchronization is provided that comprises: means for sampling a carrier frequency; means for deciding whether a message containing at least an initialization information was received on this carrier frequency during a specific time span, configured such that, when the decision is negative, a new carrier frequency is selected and this new carrier frequency is sampled, and, when the decision is positive, the sequence of random values is generated upon employment of at least the initialization information. The apparatus includes the means for readout reads a part M of the N possible carrier frequency values from the table, whereby the remaining N-M carrier frequency values are employed for replacing disturbed carrier frequency values of the M carrier frequency values. A means for updating that updates the table from the N-M carrier frequency values before the readout upon replacement of the carrier frequency values that correspond to disturbed carrier frequencies.--.

On page 5, after line 7, insert --

BRIEF DESCRIPTION OF THE DRAWINGS--;

in lines 9 and 10, delete "Shown are:";

in line 11, after "Fig. 1" insert --is a schematic diagram of--;
in line 13, after "Fig. 2" insert --is a graph in perspective view of--;
in line 15, after "Fig. 3" insert --is a functional block diagram showing--;
in line 16, after "Fig. 4" insert --is a graph in perspective view of-- and
5 delete "a schematic illustration of"; and
in line 17, delete "and".

On page 6, after line 7, insert --
DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--;
and

10 in line 16, change "1" to --8--.

On page 7, in line 5, after "fx" insert --1--; and
in line 9, before "duplex" insert --a--.

On page 8, in line 10, change "HF" to --RF--.

On page 9, in line 9, delete "a [...]" in the" and insert --an--; and
15 in line 16, change "25" to --25'--.

On page 12, in line 3, change "frequency" to --frequencies--.

On page 13, in line 1, change "25" to --25'--.

On page 17, after line 13, add the following new paragraph --

Although other modifications and changes may be suggested by those

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